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No. 7] NEW DELHI, SATURDAY, FEBRUARY 18, 1984 (MAGHA 29, 1905)

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(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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**APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACTIARYA JAGADISH BOSE ROAD,
CALCUTTA-700017**

The 12th January, 1984

29/Cal/84 Samir Kumar Dutta & Subir Dutta. Eight connection point four filament fluorescent tube lamp with each side two pin roted bi pin cap.

30/Cal/84 SPBP Tea Industries Pvt. Ltd. Dispensers for liquids and powdery substances.

31/Cal/84 Copeland Corporation. Hermetic refrigeration compressor.

32/Cal/84 American Can Company. Material handling method and apparatus therefor.

The 13th January, 1984

33/Cal/84. Copeland Corporation. Scroll-type machine.

The 16th January, 1984

34/Cal/84 Nippon Clean Engine Research Institute Co. Ltd. A two-stroke internal combustion engine.

The 17th January, 1984

35/Cal/84 Instytut Gornictwa Naftowego I Gazownictwa. Method and system for direct prospecting of hydrocarbon deposits.

36/Cal/84 Degussa Aktiengesellschaft. Elastic moulding compound with basis as thermoplastic rubber.

37/Cal/84 John Alvin Eastin. Manufacturing and using nitrogen fertilizer solutions on a farm.

The 18th January, 1984

38/Cal/84 Shri Samar Lal Maitra. One push operated radio.

39/Cal/84 Westinghouse Electric Corporation. Closed tube gettering.

**APPLICATION FOR PATENTS FILED AT THE PATENT
OFFICE BRANCH, MUNICIPAL MARKET BUILDING,
THIRD FLOOR, KAROL BAGH, NEW DELHI-5**

The 26th December, 1983

860/Del/83 Robert George Tipton. "Gate valve".

861/Del/83 Bassetti S.P.A., Method for manufacturing removable linings for snugly wrapping tridimensional articles".

The 27th December, 1983

862/Del/83 Diab-Barracuda AB., "Perforated camouflage material".

863/Del/83 Diab-Barracuda AB., "Thermal camouflage".

The 28th December, 1983

864/Del/83 Texas A & M University System, "Process for the preparation of protein isolates of improved quality from vegetable protein sources".

The 30th December, 1983

865/Del/83 Badri Agarwal. "Single pass combination implement agricultural cultivation".

The 31st December, 1983

866/Del/83 Indian Drugs & Pharmaceuticals Ltd., "Process for preparing 4-(5-substituted-2-furyl-and thienyl)". [Divisional dated 23rd July, 1980].

867/Del/83 Council of Scientific and Industrial Research, "An improved liquified petroleum gas stove".

**APPLICATIONS FOR PATENTS FILED IN THE PATENT
OFFICE BRANCH AT TODI ESTATES, LOWER PARBH.
SUNMILL COMPOUND, BOMBAY-13**

The 15th December, 1983

394/Bom/83 Dieter Seifert. Tracking device.

The 16th December, 1983

395/Bom/83 Hindustan Lever Limited. Fabric Softening composition. (23rd December, 1982).

396/Bom/83 Hindustan Lever Limited. Detergent Compositions (17th December, 1982).

397/Bom/83 Hindustan Lever Limited. Detergent compositions. (17th December, 1982).

398/Bom/83 Deepak Pannalal Ship grip clamp.

The 23rd December, 1983

399/Bom/83 Shri Gajanan Sadashiv Chaudhari. Versatile book page marker.

400/Bom/83 Eagle Flask Pvt. Ltd. An improved twin vacuum flask.

The 24th December, 1983

401/Bom/83 Vipin Laxmanprasad Vasa. An invention for metal reeds use in textile industries.

The 26th December, 1983

402/Bom/83 VIP Industries Ltd. Rotary lock for luggage.

**APPLICATIONS FOR PATENTS FILED AT THE PATENT
OFFICE BRANCH, 51, WALLAJAH ROAD,
MADRAS 600 002**

The 2nd January, 1984

1/Mas/84 Kozponti Valto-es Hitelbank Rt. Innovacios Alap. A disposable plastic syringe for medical use, and a plastics plunger, especially for disposable syringes.

The 5th January, 1984

2/Mas/84 Raychem Corporation. Dimensionally recoverable article. (June 1, 1983).

3/Mas/84 Raychem Limited. Recoverable article for encapsulation. (June 1, 1983).

4/Mas/84. Raychem Limited. Heat recoverable article. (June 1, 1983).

5/Mas/84. Raychem Limited. Wraparound recoverable article. (June 1, 1983).

6/Mas/84. Raychem Limited. Recoverable Article. (June 1, 1983).

The 6th January, 1984

7/Mas/84. K. George. Water Train.

8/Mas/84. Hammer Sport Vertriebs-GMBH. Compact Dumbbell with comfort grip.

9/Mas/84 Dynamit Nobel Aktiengesellschaft. Process for the preparation of N, N'-Diisomethylhydrazine.

10/Mas/84. Steven M. Schorr. Method and apparatus for aeroponic propagation of plants

11/Mas/84 VGL Industries Limited. Improvements in and relating to the making of beverages.

12/Mas/84. Chevron Research Company. Removing water from honey at ambient pressure.

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CLASS 68E₁ & 69A

152577

Int. Cl. H 02 h 3/00 & G 05 f 1/00.

A DEVICE FOR PREVENTING EXCESSIVE ENERGY CONSUMPTION.

Applicant & Inventor : KRISHNIAH SRINIVASAN RAMESH & MRS. BELLA ALEX, PLOT NO. 17, KANAGA SABAI COLONY, KOYAMBEDU, MADRAS-600 107, TAMIL NADU.

Application No. 104/Mas/81 filed May 28, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims.

A device for preventing excessive energy consumption comprising a sensor circuit connectable to the supply for sensing the load current and for producing at its output a voltage value related to the value of the load current; a reference circuit connectable to the supply for producing at its output a predetermined constant voltage value related to the maximum permissible value of the load current; an amplifier circuit connected to the sensor and reference circuits for amplifying the differential voltage between the outputs of the sensor and reference circuits whenever the output voltage of the sensor circuit exceeds the output voltage of the reference circuit; relay means connected to the output of the amplifier circuit, the relay means being energised by the output voltage of the amplifier circuit; circuit tripping means connected to the output of the relay means and connectable to one or more parts, or to the whole, of the load circuit, the said tripping means being actuated by the relay means, whenever energised, to disconnect the supply from the said part or parts, or the whole, of the load circuit.

(Com.-12 pages; Drwgs.-1 sheet).

CLASS 106/Mas/81

152578.

Int. Cl. E 05 c 1/14.

AN AUTOMATIC LOCK FOR WINDOWS.

Applicant & Inventor : APPAN PARAMBATH ABOO-BACKER, PROPRIETOR, A. P. WATCH WORKS, KOT-TACHERRY, KANHANGAD, PIN CODE NO. 670 315, CANNANORE DIST., KERALA.

Application No. 106/Mas/81 filed May 30, 1981.

Appropriate office for Opposition proceedings (Rule 4 Patents Rules, 1972), Patent Office, Madras Branch.

1 Claim

An automatic lock for windows comprising two metal strips and a wire spring, one of the metal strip having four holes, two projected teeth, a linear cut, a key shape cut and two small teeth as spring holder, the said metal strip being bent into triangular shape so as to project out the key shape cut through the linear cut on the strip, and the projected key shape cut being bent at right angles, the wire spring being fixed in between the folds; and the other metal strip with holes on both ends being made into a hook by folding it from the middle, wherein a catch on the folded side and legs on the free ends being formed with bends, the triangular unit being fixed to the window frame and the metal hook being fitted to the window shutter such that on closing the shutter of the window the hook slides over the inclined plane of the triangular unit and gets locked automatically in one of the teeth on it and on pressing the projecting key shape cut of the triangular unit, the catch of the hook gets released.

(Com.-5 pages; Drwgs.-1 sheet).

CLASS 62 D.

152579.

Int. Cl. D 06 m 5/10.

"PROCESS FOR THE MODIFICATION OF SURFACE CHARACTERISTICS OF POLYESTER FILAMENT/CORD IN ORDER TO PROVIDE SUCH SURFACE WITH A GREATER DEGREE OF AFFINITY OR ADHERENCE TO RUBBER OR RUBBER LATEX".

Applicant : MADURA COATS LIMITED, INDUSTRIAL TEXTILES GROUP, OF NEW JAIL ROAD, MADURAI-625 001, TAMIL NADU.

Inventors : (1) MANJERI RAMAKRISHNAN RAVI-KRISHNAN (2) SESHAN Satakopan.

Application No. 162/Mas/80 filed August 27, 1980.

Complete specification left November 27, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Madras Branch.

10 Claims

A process for the modification of the surface characteristics of polyester filament/cord in order to provide such surface with a greater degree of affinity or adherence to rubber or rubber latex, which comprises the steps of treating the polyester filament/cord with a known alkaline solution above room temperature such as herein described for a period of at least 5 minutes, washing the treated cord in aqueous solution, neutralising the cord with a known dilute acid and drying the cord and if desired, dipping the dried filament/cord into a conventional rubber or rubber latex solution.

(Prov.-5 pages; Com.-8 pages; Drwgs.-2 sheets).

CLASS 68B

152580

Int. Cl. H 02 b 1/20

A BUSDUCT PRESSURISATION SYSTEM.

Applicant : BEST & CROMPTON ENGINEERING LTD., 29, NORTH BEACH ROAD, MADRAS-600 001, TAMIL NADU.

Inventors : (1) V. D. RAJARAMAN, (2) K. V. BALAKRISHNAN.

Application No. 221/Mas/80 filed December 4, 1980.

Complete specification left February 4, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims.

A busduct pressurisation system for maintaining a predetermined pressure of dry air inside a busduct enclosure comprising a differential pressure transmitter to sense the air pressure from the busduct enclosure, the transmitter being fed with an air supply from a filter-cum-pressure regulator to furnish a proportional output signal; a low pressure selector relay to which the output signal of the said transmitter is fed, the said relay also being fed with the air supply from a filter-cum-pressure regulator; a pressure controller to which the output of the said relay is fed, the output signal of the said filter-cum-pressure regulator being above the set point level of the said controller while the output signal of the said relay which is the smaller of the two input signals to it being fed to the said controller; a valve positioner mounted on a control valve, the output signal of the controller being fed to the said positioner while the said control valve is also fed with the air supply from a filter-cum-pressure regulator.

(Comp. specn. 7 pages; Drwg.-1 sheet).

CLASS 195 (B+D)

152581.

Int. Cl. F 04 b 31/00.

A VALVE FOR USE WITH THE FLUID CARRYING TANK OF A TANKER.

Applicant & Inventor : NOTT KRISHNA RAO VENKATARAMANI, 297, MOWBRAYS ROAD, ALWARPET, MADRAS-600 018, TAMIL NADU.

Application No. 226/Mas/80 filed December 15, 1980.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims.

A valve for use with the fluid carrying tank of a tanker for allowing the discharge of fluid therefrom, whenever necessary, comprising a tube, the first end thereof being attachable to the outlet opening of the tank with its second end attachable to a discharge conduit, characterised by a chamber connected to, and disposed outside, the tube, said chamber having an inlet for entry of pressurised air from a source and accommodating a pneumatically actuated spring-loaded piston; a valve-stem disposed within the tube and fixed to the piston, the said stem being provided with a valve-member, the arrangement being such that the said piston, under spring-force, normally urges the valve-member against the mouth of the first end of the tube to seal the said mouth end such that the said piston, under the influence of pressurised air whenever let into the chamber, overcomes the spring-force to move the valve-member away from the said mouth and thus permit discharge of the fluid from the tank through the tube and the discharge conduit.

(Compl.-8 pages; Drwgs.-2 sheets).

CLASS 17A 1-5

152582.

Int. Cl. A 23 1 (1,00+3/00).

A PLANT AND PROCESS FOR CONTINUOUS PROCESSING OF NEERA.

Applicant & Inventor : CHEMMARAPPALLY JOHN ABRAHAM, THE TRAGOPAN, AVITTON ROAD, KHANNAMOOLA, TRIVANDRUM-695 011, KERALA.

Application No. 23/Mas/81 filed February 9, 1981.

Complete specification left February 8, 1982.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims.

A process for continuous processing of Neera comprising the steps of carbonating the limed Neera with pressurised carbondioxide and filtering the treated Neera to remove the sludge, adding known preservatives to the filtered Neera and subsequently flash pasteurising by alternately treating the Neera to 90°C and quick cooling to 15° and thereafter hot-tilling the processes Neera, as herein described.

A plant for continuous processing of Neera, consisting of a carbonating vessel having a vertical and inclined limbs, the inclined limb being connected to a source for supply of pressurised carbondioxide, the vertical limb having means for continuous feeding of raw Neera counter-currently with pressurised carbon dioxide, means for collecting and dosing the carbonated neera to a vacuum filter system connected thereto, a continuous means for flash pasteurisation of the filtered neera and collecting means for receiving processed neera the said collecting means having a vacuum making and breaking arrangement.

(Prov.-3 pages; Com.-5 pages; Drwg.-1 sheet).

CLASS 85A

152583.

Int. Cl. F 27 b 17/00.

A FURNACE FOR THE SUPPLY OF HEATED AIR.

Applicant & Inventor : SRINIVASAGAM PILLAI RAMASWAMY, 77, ACHARAPPAN STREET, MADRAS-600 001, TAMIL NADU.

Application No. 45/Mas/81 filed March 11, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims.

A furnace for the supply of heated air comprising a firing chamber provided with firing means; and a plurality of laterally spaced tubes whereby ambient air entering the firing chamber gets heated therein and passes along with the gases of combustion through the tubes to atmosphere, characterised by a cubicle and a compartment, the cubicle being disposed between the firing chamber and the compartment and also interconnected with the firing chamber and the tubes, whereas the compartment surrounds the tubes but is otherwise isolated from the interior of the firing chamber, the cubicle and the tubes, such that ambient air entering the compartment is heated by the tubes before leaving the compartment; and a blower for drawing out the heated air leaving the compartment and discharging the same to the point of supply.

(Compl. 8 pages; Drwgs.-3 sheets).

CLASS 61-(A+B)

152584.

Int. Cl. F 26 b 9/06.

A DRIER.

Applicant & Inventor : SRINIVASAGAM PILLAI RAMASWAMY, 77, ACHARAPPAN STREET, MADRAS-600 001, TAMIL NADU.

Application No. 46/Mas/81 filed March 11, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Office.

10 Claims.

A drier comprising (i) a drying chamber with a perforated base for receiving the material to be dried thereon, the perforations allowing air, but not the material, to pass therethrough (ii) a furnace for supplying heated air comprising a firing chamber provided with firing means; a cubicle provided with a plurality of laterally spaced tubes and interconnected with the chamber such that ambient air entering the firing chamber gets heated therein and passes, along with the gases of combustion, through the tubes to atmosphere; a compartment surrounding the tubes, but otherwise isolated from the interior of the firing chamber, the cubicle and the tubes, whereby ambient air entering the compartment is heated by the tubes before leaving the compartment (iii) and means for discharging the heated air at the base of the drying chamber, the said heated air thus forcing itself through the perforated base and the material, before passing out of the drying chamber through an outlet provided therefor, thereby drying the material.

(Compl.-14 pages; Drwgs.-4 sheets).

CLASS 25B, 136 F.

152585.

Int. Cl. EO4. 1. 00.

Title—A MACHINE FOR MAKING COMPRESSED BRICKS.

Applicant & Inventor : VIDYADHER NAGORAO GULHANE, 58, SHILA VIHAR COLONY, KARVE ROAD, POONA-411 004, MAHARASHTRA, INDIA.

Application No. 47/BOM/81 filed February 11, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972). Patent Office, Bombay Branch.

6 Claims.

A machine for manufacturing compressed bricks comprising in combination (a) a hopper for feeding in the clay input; (b) a conveyor belt for feeding the material to the compression chamber; (c) a compression chamber having a ram and crank mechanism (d) a turret having plurality of moulds adapted to be indexed into the said compression chamber one at a time; (e) an indexing mechanism for indexing the turret; (f) lever linkages connected to the said ram and crank and to the said conveyor feeding belt and the said indexing mechanism; (g) and an inverse double scotch yoke mechanism at the base of the turret for ejecting the compressed brick.

(Compl. specn. 9 pages; Drwg sheet 1).

CLASS 16B

152586.

Int. Cl. G 10 k 1110 & H 04 r 27 04.

AN ELECTRIC HORN.

Applicant & Inventor : NALLI CHINNASWAMY KANDASWAMY, 120, USMAN ROAD, THYAGARAYANGAR, MADRAS-600 017, TAMIL NADU.

Application No. 51/Mas/81 filed March 16, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

9 Claims.

An electric horn operable on the current source of a motor vehicle comprising a resilient metal diaphragm to which a magnetically susceptible member is fixed; a coil

wound on a magnetically susceptible core, receiving power from the source through a switch and a pair of normally closed contacts, characterised by power amplifying means connected between the source and the coil; and smoothing means, such as, a smoothing network, also connected between the source and the coil, one of the normally closed contacts being mechanically coupled to the diaphragm and thus movable through the switch draws the member towards it to open the contacts and cut off power to the coil, thereby releasing the member and simultaneously closing the contacts to repeat the cycle successively, thus vibrating the diaphragm and producing an audible sound thereat.

(Compl.-7 pages; Drwg.-1 sheet).

CLASS 36-(A₁+B₁)

152587.

Int. Cl. : F 01 p 1, 00.

AN AIR COOLING DEVICE FOR ELECTRIC FANS.

Applicant & Inventor : THIRUMALAI ANANDAM-PILLAI VIJAYAN, C/O. T. S. RAMANATHAN, POYAPAKKAN VILLAGE, VILLUPURAM-605602, TAMIL NADU.

Application No. 87/Mas/81 filed May 1, 1981.

Complete specification filed June 26, 1981.

Post-dated to June 26, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims.

An air cooling device for electric fans comprising a heat exchanger unit and a water pump mounted on the front side of a table fan, the said heat exchanger comprising a box, the box housing a water storage tank; the said storage tank having drainage channel(s) at its bottom and having below it metal sheets arranged such that the sheets receive water from the said drainage channels of the storage tank, the said sheets being kept separated from each other, thereby air travels freely between the said sheets, the said storage tank fed by the said water pump, the said pump having a drive shaft driven by the fan motor.

(Com-9 pages; Drwgs.-1 sheet).

CLASS 129Q

152588

Int. Cl. B 23 k 35/00 & B 23 k 35/22.

A WELDING ELECTRODE.

Applicant : WIDIA (INDIA) LIMITED, 8/9TH MILE, TUMKUR ROAD, BANGALORE-560 073, KARNATAKA.

Inventors : (1) RANGARAJAN SRINIVASAN (2) HET RAM GUPTA.

Application No. 98/Mas/81 filed May 11, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims. No drawings.

A welding electrode comprising a solid rod or core provided with a coating or sheath of flux, the said rod or core being composed of tungsten carbide in the range of 85% to 95% by weight together with one or more of the following metals combined therewith, namely, iron, nickel, cobalt and chromium in the range of 15% to 5% by weight.

(Compl.-5 pages).

CLASS 167D 152589.

Int. Cl. B 07 b 7/00.

WINNOWER.

Applicant & Inventor : DR. BASOOR THAMMIAH NIJAGUNA, AP-19, K.R.E. COLLEGE CAMPUS, P. O. SRINIVASNAGAR, PIN CODE NO. 574 157, KARNA-TAKA.

Application No. 99/Mas/81 filed May 16, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims.

A winnower comprising an aerodynamic or wind tunnel provided within a box, a wind generator for blowing air into the said tunnel, a plurality of humps or curved blades providing convergent and divergent passages for the wind streams in the said tunnel, means for feeding harvested grains, cereals or seeds, into the wind streams in the tunnel and two separate outlets, one for the separated grains, cereals or seeds on the one hand, and the other for chaff, husk and other foreign bodies separated and graded by the wind streams.

(Com.-9 pages: Drwgs.-2 sheets).

CLASS 206 C. 152590.

Int. Class G01s 7/00.

"APPARATUS FOR GENERATING A REPRESENTATION OF THE BEARING OF A SOURCE OF MICROWAVE ENERGY".

Applicant : ANAREN MICROWAVE, INCORPORATED, a corporation of the State of New York United States of America, of 185 Ainsley Drive, Syracuse, New York 13205, United States of America.

Inventors : CARL WILLIAM GERST, HUGH ARCHER HAIR & STIG LENNART REHNMARK.

Application for patent No. 502/Del/79 filed on 12th July, 1979.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

25 Claims.

Apparatus for generating a representation of the bearing of a source of microwave energy comprising :

an antenna array means having N antenna elements equispaced about an arc of a circle greater than 180 degrees in a plane for receiving microwave energy, where N is an integer greater than 4 ;

microwave power dividing and phase transforming means having N input ports and a set of output ports ;

first connecting means for connecting each of the N input ports to a different one of said antenna elements;

a processing means comprising n two-input ports phase comparator means, each of said phase comparator means giving a coded combination of binary level signals representing an indication of the phase difference between the signals arriving at their respective input ports, n being an integer greater than 1 and less than N/2, and second connecting means for connecting the input ports of each of said phase comparator means to a different pair of output ports of said microwave power dividing and phase transforming means; and

ambiguity resolving means connected to said n phase comparator means for converting the coded combinations of binary level signals received in parallel from all said phase comparator means into a multidigit representation of the bearing of a source of microwave energy, said ambiguity resolving means further comprising calibrating means for initially modifying the coded combinations of binary level signals in accordance with the phase errors introduced by said processor means.

(Compl. specn. 27 pages. Drawgs 4 sheets).

CLASS 53 D.

152591.

Int. Cl. B 62 m 15/00.

IMPROVEMENT IN OR RELATING TO A CYCLE-RICKSHAW.

Applicant & Inventor : MOTTAIYAN KANDASAMY, T. PUDAIYUR & POST, VRIDDHACHALAM TALUK, SOUTH ARCOT DISTRICT, TAMIL NADU, PIN CODE NO. 606 302.

Application No. 96/Mas/81 filed May 7, 1981.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

1 Claim.

A cycle-rickshaw comprising four wheel consisting a front and a rear wheel and two additional wheels incorporated in between the said front and rear wheels, a ratchet connected by a crank and chain having a lever attached thereon to facilitate engagement or disengagement of the engine to the crank shaft.

(Compl.-3 pages: Drwgs.-1 sheet of size 33.00 cms. by 41.00 cms.).

CLASS 48 C & 65 B.

152592.

Int. Cl. H 01 b 3/00; H 01 f 27/00.

ELECTRICAL INDUCTIVE APPARATUS.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTRE, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. CURTIS LOREN MOORE AND 2. MARTIN PHILLIP SEIDEL.

Application No. 1119/Cal/79 filed October 26, 1979.

Appropriate office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

Electrical inductive apparatus, comprising : an electrical winding adapted for connection to an electrical potential, dielectric fluid surrounding said electrical winding, said dielectric fluid having a predetermined dielectric constant, an insulating structure for said electrical winding including solid insulating means, characterised in that said solid insulating means comprises a filler which includes microspheres and an adhesive binder for said filler being so selected that said microspheres constitute approximately between 25 to 75% of the total weight of said solid composite insulating means.

(Compl. specn. 23 pages. Drgs. 2 sheets).

CLASS 99 H.

152593.

Int. Cl. B 65 d 35/00.

A FIAT FLEXIBLE STERILIZABLE CONTAINER AND A METHOD OF PRODUCING THE SAME.

Applicants : SAFTA S.P.A. OF CORSO VITTORIO EMANUELE 30, 20100 MILANO, ITALY AND BIEFFE S.P.A. OF VIA NUOVA PROVINCIALE, 23034 GROSOTTO (SONDIO), ITALY.

Inventors : 1. FRANCESCO PALLARONI, 2. LUCIANO BALDINI AND 3. ALBERTO SICCARDI.

Application No. 1319/Cal/79 filed December 18, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A flat, flexible, sterilizable container capable of sterility containing a liquid to be removed under absolutely sterile conditions, said container comprising a body portion having walls sealed on at least two sides and defining therebetween a liquid receiving and maintaining compartment, and a valve carried by said body portion and being penetratable by pointed instruments to provide access to liquid within the compartment ;

Said body portion walls being a three-layer laminate including :

(1) an outermost layer comprising a major proportion of a propylene polymer;

(2) an innermost layer comprising a copolymer of ethylene with a minor proportion of butylene; and

(3) an intermediate layer of an amide polymer; said valve comprising an elastomeric core having space major faces, said major faces being joined by sides, said core being covered on one of said faces by a second section of said three-layer laminate and the other of said faces being covered by a two-layer laminate including :

(a) a first layer comprising a copolymer of ethylene with a minor proportion of butylene; and

(b) a second layer comprising an amide polymer; said two-layer laminate and said three-layer laminate covering said core of said valve being sealed to each other and said valve being sealed to a wall of said body portion.

(Compl. specn. 29 pages. Drgs. 3 sheets).

CLASS 47 B.

152594.

Int. Cl. C 10 j 3/00.

APPARATUS FOR THE GASIFICATION OF COAL.

Applicants : KRAFTWERK UNION AKTIENGESELLSCHAFT OF 433 MULHEIM (RUHR), WIESENSTR. 35 FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. HANS FREWER, 2. RAINER MULLER AND 3. ULRICH SCHIFFERS.

Application No. 121/Cal/80 filed February 1, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An apparatus for the gasification of coal comprising means for particulating coal, a hydrogenation gasifier, means for supplying particulate coal to said hydrogenation gasifier, then to the water vapour gasifier in operational association with the said hydrogenation gasifier, means for supplying the coke obtained from the hydrogenation gasifier to said water vapour gasifier, means for admitting steam, to said water vapour gasifier for gasification characterized in that there is provided means for grading the said particulate coal into two

fractions, the relatively finer fraction and the relatively coarser fraction, means for feeding a portion of said finer fraction to said hydrogenation gasifier, means for feeding the other portion of the said relatively finer fraction to a mixer, means for feeding the product from the said hydrogenation gasifier to said mixer, means for feeding the mixture obtained from the said mixer to a briquetting unit, means for supplying the briquettes obtained from the said briquetting unit to a second mixer, means for supplying said relatively coarser fraction of the particulate coal to said second mixer and means for supplying the mixture obtained from said second mixer to said water vapour gasifier.

(Compl. specn. 12 pages. Drgs. 1 sheet).

CLASS 108 C.

152595.

Int. Cl. : C 04 b 35/00.

APPARATUS FOR THE MANUFACTURE OF A CARPET FROM REFRACTORY CERAMIC FIBER.

Applicants : VOSTOCHNY NAUCHNO-ISSLEDOVATELSKY I PROEKTNY INSTITUT OGNEUPORNOI PROMYSHLENNOSTI OF SVERDLOVSK, ULITSA GENERALSAYA, 3. USSR.

Inventors : 1. GEORGY IVANOVICH ISAEV, 2. PAVEL GRIGORIEVICH IVANOV, 3. VIKTOR SERGEEVICH TURCHANINOV, 4. JURY VVASILIEVICH VLASOV, 5. VIKTOR GRIGORIEVICH SIVASH, 6. ANATOLY NIKOLZDVICH BYKOV, AND 7. JULIA NIKOLAEVNA ARZAMASTSEVA.

Application No. 146/Cal/80 filed February 7, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An apparatus for the manufacture of a carpet from refractory ceramic fiber, comprising : a furnace, a cylindrical nozzle, a fiber forming chamber having an outlet conveyor and a carpet cutting mechanism;

a conical nozzle provided in an inlet wall of said fiber forming chamber coaxially with said nozzle;

a cylindrical pipe provided in said nozzle coaxially therewith for axial movement;

a parabolic plate arranged inside said fiber forming chamber in such a manner that one of its parabolic edges extends opposite to ceramic fiber leaving said cylindrical pipe so as to ensure uniform thickness of the layer of said fiber over the width of the carpet.

(Compl. specn. 12 pages. Drgs. 2 sheets).

CLASS : 31 C & 188.

152596.

Int. Cl. : B 01 j 17/00; C 03 c 17/06, 17/22; C 23 c 17/00; H 01 f 10/00.

METHOD OF PRODUCING A COMPOUND THIN FILM OF DIFFERENT ELEMENTS ON A SUBSTRATE SURFACE AND APPARATUS FOR CARRYING OUT THE SAME.

Applicants : OY LOHJA AB OF AHERTAJANTIE 3, 02100 ESPOO 10, FINLAND.

Inventors : 1. TUOMO SUNTOLA, 2. ARTO PAKKALA AND 3. SVEN LINDFORS.

Application No. 193/Cal/80 filed February 20, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of producing a compound thin film of different elements as hereinbefore described on a substrate surface as hereinbefore defined by reacting alternately different substances containing said elements on the substrate surface comprising the steps of supplying vapors of said substances repeatedly and alternately to a chamber housing said substrate, supplying a gas phase medium as hereinbefore described to said chamber at least during periods between the alternate supply of said substances, wherein said vapors react with the surfaces of the substrate and the film grown thereon to provide a solid state product at the temperature of said substrate surface, and wherein the supply of said gas phase medium substantially prevents a simultaneous interaction of said alternately supplied vapors during producing of said thin film of said compound on said substrate.

(Compl. specn. 27 pages. Drgs. 5 sheets).

CLASS 119 B & 172 E. 152597.

Int. Cl. : B 65 h 69/00; D 03 j 3/00.

KNOT-TYING DEVICE FOR TEXTILE THREADS.

Applicants : EXACTA-MASCHINENBAU SCHMIDT & HETTELER K.G. OF BUHLESTRASSE, D-7410 REUTLINGEN-ROMMELSBACH, GERMANY.

Inventors : PETER LEWONING.

Application No. 237/Cal/80 filed February 29, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Knot-tying device for textile threads with, mounted on the free end of a rotatably driven knotting tube, a jaw head, co-operation with the jaw of which is a gripping tongue which can be adjusted in relation to the jaw by a thrust rod guided for longitudinal sliding in the knotting tube, characterized in that the gripping tongue (15) is rigidly connected to the thrust rod (2) and the latter is supported on the knotting tube (1), by way of an adjustable stop (6), by means of a helical spring (5) disposed concentrically with the axis of rotation (9) and acting in the closing direction of the gripping tongue.

(Compl. specn. 12 pages. Drg. 1 sheet).

CLASS : 145 B & 155 A. 152598.

Int. Cl. : D 21 h 1/10; D 06 n 16/66.

A METHOD OF PREPARING IMPROVED WATER REPELLENT CELLULOUS WEB.

Applicants : BELOIT CORPORATION, OF BELOIT, WISCONSIN 53511, U.S.A.

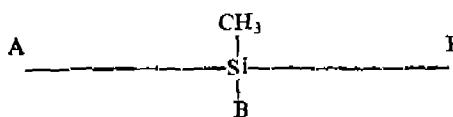
Inventors : DANIEL PARKER.

Application No. 388/Cal/80 filed April 3, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A method of preparing improved water repellent cellulosic web which comprises applying on at least one side of a cellulosic web by a method as herein described, an alkyl alkoxy-siloxane having the formula :



where A is H, CH₃, or B and B is an OR group in which R methyl or ethyl on said web, in the presence of a conventional condensation catalyst and curing by heating in a known manner the resulting web.

(Compl. specn. 20 pages. Drgs. 1 sheets).

CLASS : 128 F.

152599.

Int. Cl. : A 61 m 3/00.

A COLLECTOR FOR COLLECTING DIAGNOSTIC SPECIMEN OF FLUIDS e.g. BLOOD, URINE, MILK FROM HUMAN OR ANIMALS.

Applicants : TRANS MFD CORPORATION OF 1621 COLLINGWOOD DRIVE, SAN DIEGO, CALIFORNIA U.S.A.

Inventors : ROGER F. ETHERINGTON AND CLAYTON L. ESTEP.

Application No. 548/Cal/80 filed May 8, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A collector for collecting diagnostic specimen of e.g. blood, urine, milk from human or animals, consisting of :

an elongated hollow body open at one end and closed at the opposite end with a single orifice in said closed end; a plunger having sealing means on one end which is slidably inserted into, and in sealing relationship with, said body to vary the interior volume of said body; a movable closure for said closed end orifice consisting of a one-piece cap having an end wall within a skirt extension exteriorly mounted to encompass said closed end concentrically and rotatable thereabout and a nipple to receive compatible fittings of specimen-taking medically devices extending outwardly from the outer surface of said end wall and an orifice in said closure passing axially through said nipple and said end wall, said closure being rotatable from a first position in which both orifices are out of communication and said closed end orifice is in a sealed condition to a second position in which both orifices are in sealed communication for the passage of a specimen upon movement of said plunger and back to said first position after passage of said specimen;

and an O-ring seal for said closed end orifice positioned concentrically with reference to said orifice in an annular groove on the outer surface of said closed end, a portion of said O-ring extending above said closed end outer surface to create a friction-free space between said outer surface and the inner surface of said end wall except for a moving area of sealing contact between said ring portion and the inner surface of the end wall, said ring portion providing a bearing surface for said rotation of said closure.

(Compl. specn. 32 pages. Drgs. 4 sheets).

CLASS : 178.

152600.

Int. Cl. : B 28 d 5/00.

WORKING GEM STONES.

Applicants : GERSAN ESTABLISHMENT OF LIECHTENSTEIN, OF STAEDTLE 36, 9490, VADUZ, LIECHTENSTEIN.

Inventors : 1. DAVID WILLIAM BEAL AND 2. MARTIN COOPER.

Application No. 673/Cal/80 filed June 6, 1980.

Convention date 8th June 1979 (19970/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A holder for holding a gem stone while the gem stone is cleaved, comprising :

two jaws for clamping the stone at least of the jaws being resilient; an anvil member for engaging a surface of the stone while it is clamped between the jaws, the anvil member being moveable relative to the jaws in a direction parallel to the jaw clamping faces and fixable in position to support the stone when it is cleaved;

a non-circular locating and support member for locating the holder in a mount and for supporting the holder; and a lockable connection for connecting the support member to the jaws, the said lockable connection permitting rotary movement about an axis parallel to the direction of relative movement of the anvil member, and substantially translatory movement in a direction normal to the jaw clamping faces and a further rotary movement about an axis generally parallel to the jaw clamping faces and normal to the direction of relative movement of the anvil member.

(Compl. Specn. 26 Pages, Drgs. 4 Sheets).

CLASS : 2 A.

152601.

Int. Cl. : G 09 f 13/00.

GAS DISCHARGE DISPLAY APPARATUS.

Applicants : BURROUGHS CORPORATION OF BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventors : 1. GEORGE E. HOLZ AND 2. JAMES A. OGLE.

Application No. 716/Cal/80 filed June 20, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Gas discharge display apparatus comprising a plurality of groups of gas-filled discharge cells arrayed in rows and columns, each cell including an anode electrode and a cathode electrode, each group of cells being in gas communication with the adjacent group of cells.

means coupled to said discharge cells for scanning & turning on each group of cells sequentially, each turned-on cell in a group generating excited particles, characterized by means coupled to said discharge cells for tending to turn off selected discharge cells in each group of cells and making the charged particles associated available for another function, and

utilization display means adjacent to said discharge cells for utilizing said excited particles generated by said selected cells to itself perform a display function.

(Compl. specn. 34 pages. Drgs. 4 sheets).

CLASS : 85 K; 176 D & L

152602.

Int. Cl. : F 22 b 13/02, 33/02, 35/08;

F 23 b 5/12.

APPARATUS FOR TILTING THE COAL NOZZLES OF A PULVERIZED COAL FIRED FURNACE.

Applicants : COMBUSTION ENGINEERING, INC. OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : 1. ROMAN CHASHAY AND 2. RICHARD LOUIS BELANGER.

Application No. 764/Cal/80 filed July 2, 1980.

2- 467 GI/83

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Apparatus for tilting the coal nozzles of a pulverized coal-fired furnace, said furnace having a plurality of fuel-air admission assemblies arrayed in a vertical windbox or at least one wall of the furnace for introducing coal and air into the furnace, at least one of said fuel-air admission assemblies being a low load fuel-air admission assembly having a split coal bucket having vertically adjustable upper and lower coal nozzles, the remaining fuel-air admission having vertically adjustable single nozzle coal buckets; in which for adjusting the vertical orientation of the upper and lower coal nozzles of said low load fuel-air admission assembly and the single nozzle coal buckets of the remaining fuel-air admission assemblies comprises :

a. means responsive to steam temperature variation for tilting the upper coal nozzle of said low load fuel-air admission assemblies upward in unison with the single nozzle coal buckets of the remaining fuel-air admission assemblies when said steam temperature drops below a preselected value and for tilting the upper coal nozzle of said low load fuel-air admission assemblies downward in unison with single nozzle coal buckets of the remaining fuel-air admission assemblies when the steam temperature rises above a preselected

b. means responsive to steam temperature at higher loads and independent of steam temperature at low loads for tilting the lower coal nozzle of said low load fuel-air admission assemblies in unison with the upper coal nozzle of said low load fuel-air admission assemblies at higher load and said for tilting the lower coal nozzles of said low load fuel-air admission assemblies independently from and away from the upper coal nozzle of said low load fuel-air admission assemblies at low loads so as to establish an angular separation between the respective coal-air streams exiting from the upper and lower coal nozzles of said low load fuel-air admission assembly thereby providing stable ignition.

(Compl. specn. 14 pages. Drgs. 4 sheets).

CLASS : 63 E.

152603.

Int. Cl. : H 02 k 9/00

DYNAMOELECTRIC MACHINES.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : PHILLIP WILLIAM ECKELS.

Application No. 775/Cal/80 filed July 4, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A dynamoelectric machine including an internally cooled rotor having a cylindrical outer shell concentric with an axis of rotation, a rotatable member to be cooled, said member disposed interiorly of the shell for rotation therewith, a liquid coolant intake, a coolant outlet, and a predetermined quantity of liquid coolant introduced into the interior of the shell through the coolant intake, in which said liquid coolant forms an annular coolant bath when the rotor is rotated at its operating speed, and forms an inner substantially concentric core space surrounded by the bath, so that evaporated vapor collects in the core space and can be withdrawn from the space through the coolant outlet, characterized by the coolant intake comprising a coolant transfer coupling, a liquid coolant supply pipe extending from the coolant transfer coupling to the core space, said supply pipe rotatably mounted and in fluid communication with said coupling, at least one coolant distribution conduit positioned interiorly of the shell and in fluid communication with the supply pipe, and a means

disposed interiorly of said supply pipe for trapping the coolant vapor whereby to regulate the coolant flow during transient operating conditions.

(Compl. specn. 18 pages. Drgs. 2 sheets).

CLASS : 107 K.

152604.

Int. Cl : M 01 I 3/22.

A VALVE SEAT AND AN INTERNAL COMBUSTION ENGINE HAVING SAID SEAT.

Applicants : MASSEY-FERGUSON-PERKINS LIMITED OF 33 DAVIES STREET, LONDON, WIY 2EA, U.K.

Inventors : ALFRED ERNEST GUSTAV BLUM.

Application No. 1005/Cal/80 filed September 2, 1980.

Convention dated 8th September 1979(31261/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A valve seat for an internal combustion engine comprising a body with an annular inner peripheral portion that carries a frustoconical valve face adapted to be engaged by a valve member that is coaxial with and is movable along the axis of said frusto-conical valve face characterized in that said inner peripheral portion is cambered over at least the full width of said valve face (4) as measured radially of said axis so that said valve face (4) is deflected in bending and shear when subject to valve gas and inertia seating forces.

(Compl. specn. 14 pages. Drgs. 5 sheets).

CLASS : 88 D.

152605.

Int. Cl. G 01 f 1/06.

SYSTEM FOR CONTROLLING THE FLOW OF GASEOUS FLUIDS.

Applicants : COMBUSTION ENGINEERING, INC. C 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : ROBERT PATTON SULLIVAN.

Application No. 1172/Cal/80 filed October 15, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A structure for controlling the flow of gaseous fluid through a duct with a frame and moveable element cooperating with the frame opening through which the gaseous fluid in the duct flows, comprising :

a duct with a generally rectangular cross section,

a frame of four sides mounted in a plane oriented;

at right angles to the duct axis and sized and arranged against the internal duct walls to provide cooperation between the frame opening and a moveable control element in the form of louver blades to control the rate of flow of gaseous fluid through the frame opening,

and a cross-sectional channel configuration provided for each of the four sides of the frame with the back of the channels through the frame opening.

(Compl. specn. 18 pages Drgs. 3 sheets).

CLASS : 167 D.

152606.

Int. Cl. : B 07 b 7/00

METHOD OF AND TANK FOR SEPARATING PRODUCTS OF DIFFERENT DENSITY.

Applicants : FIVES-CAIL BABCOCK OF 7 RUE MONTALIVET, 75383 PARIS CEDEX 08, FRANCE.

Inventors : JEAN-LUC LAMBERT.

Application No. 649/Cal/81 filed June 16, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of separating products of different density providing the control of the pulsation amplitude of air delivered into a tank containing a liquid pneumatically pulsated for separating said products in two superposed layers, which comprises the steps of :

(a) intermittently delivering the air through an air inlet element into the tank,

(b) programming the opening and closing of the air inlet element for the intermittent delivery of the air,

(c) storing the air inlet element opening and closing program in a memory unit generating a corresponding output signal,

(d) detecting the level of separation of the two layers by a level sensor emitting a control signal corresponding to the sensed level,

(e) intermittently venting the air through a venting element after the complete opening of the air inlet element, and

(f) controlling the beginning and the duration of the venting in function of the level of separation of the two layers so that the termination of venting occurs at the same time as the closing of the air inlet element,

whereby the product of the lower layer is removed from the tank by gravity through an output conduct at the lower end of the tank, while the low density product of the upper layer is removed with water, by flowing over the rim of the tank.

(Compl. specn. 15 pages. Drgs. 4 sheets).

CLASS : 69 A & D.

152607.

Int. Cl : H 01 h 9/00.

A MINIATURE CIRCUIT BREAKER.

Applicants & Inventors : NARASHINHA GOVIND KAMAT, C/O D. PRABHU, 5TH FLOOR, SARASWATI NIKE, 5 CAMAC STREET, CALCUTTA-700017, STATE OF WEST BENGAL, INDIA.

Application No. 755/Cal/81 filed July 7, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A miniature circuit breaker comprising a casing within which is provided a fixed contact adapted to be connected to the power supply and a movable contact adapted to be connected to the load, said movable contact constituting a hammer cooperating with said fixed contact, an arc chamber provided within said casing, said moving contact capable of being operated by an "off" and "on" lever which is connected with one end of a flexible cord while the other end of the said flexible cord being connected to a bimetallic strip, said bimetallic strip being connected to a solenoid, said solenoid being connected to the said terminal of the load is characterised in that the said fixed contact which is a bar or strip of conducting material adapted to be connected to the power supply is bent into an open ended loop, a cooling grid and tripping means provided within said casing.

(Compl. specn. 16 pages Drg. 1 sheet).

CLASS : 206 E.

152608.

5 Claims.

Int. Cl. : H03k 13/02.

A process for the manufacture of a compound of the general formula I

A DUAL SLOPE ANALOG-TO-DIGITAL CONVERTER.

Applicant : DRESSER INDUSTRIES INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, ONE OF THE UNITED STATES OF AMERICA, OF THE DRESSER BUILDING, P.O. BOX 718, DALLAS, TEXAS 75221, UNITED STATES OF AMERICA, MANUFACTURERS.

Inventor : FRANCIS MICHAEL JOBBAGY.

Application for Patent No. 498/Del/79 filed on 9th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims.

A dual slope analog-to-digital converter adapted to emit a digital output signal converted in a single up-down integration cycle from a received analog signal by means of single cycle conversion means, said converter comprising first input means for receiving an analog voltage signal to be converted, second input means for receiving a reference voltage signal from a reference source, means for deriving a predetermined max. voltage signal from the voltage signal of said second input means, means establishing a datum level voltage, integrator means operative serially to integrate a first signal corresponding to the differential between the derived max. voltage signal and the received analog signal for a predetermined time period and on expiration of said predetermined time period to integrate a second signal corresponding to the differential between said reference voltage signal and said max. voltage signal, comparator means adapted to receive said integrated first and second signal values for effectively varying the integration time period of said second signal until a pre-determined threshold level is achieved between the integrated second signal output of said integrator means and said datum level voltage switching means for switching in a feed back path from the comparator means output to the integrator means automatically to restore the integrator prior to each integration cycle and signal emitting for emitting a digital output signal derived from an accumulative digital count correlated to the time span of said variable time period.

(Complete specification 12 pages. Drawing 2 sheets)

CLASS : 32F₂(b) & 55D₁.

152609

Int. Cl. : C07d 55/00.

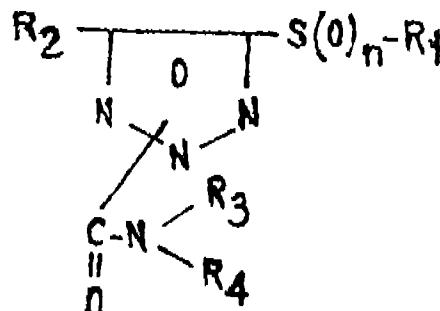
PROCESS FOR THE MANUFACTURE OF BIOCIDALLY ACTIVE 1, 2, 3, TRIAZOLECARBOXYLIC ACID AMIDES.

Applicant : SCHERING AKTIENGESELLSCHAFT, A BODY CORPORATE ORGANIZED ACCORDING TO THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF BERLIN AND BERGKAMEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : HANS RUDOLF KRUGER, FRIEDRICH ARNDT, DIETRICH BAUMERT, ERNST ALBRECHT PIEROH, REINHART RUSCH & HARTMUT HOPPIEN.

Application for Patent No. 507/Del/79 filed on 13th July, 1979.

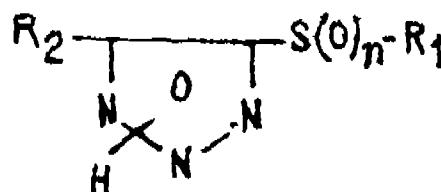
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.



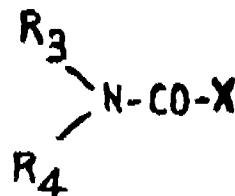
in which

R₁ represents a C₁-C₁₀-alkyl group, a cyano-substituted C₁-C₁₀-alkyl group, a C₂-C₈-alkenyl or -alkynyl group or an aryl-C₁-C₈-alkyl group which may be substituted by one or more substituents selected from C₁-C₈-alkyl groups, halogen atoms, C₁-C₈-alkoxy groups, nitro groups and trifluoromethyl groups, represents a hydrogen atom or a C₁-C₁₀-alkyl group which may be interrupted by one or more hereto atoms selected from oxygen and sulphur atoms and/or may halogenated.

and R₂ each represents a hydrogen atom, a C₁-C₁₀-alkyl group, a halogen-, C₁-C₈-alkoxy- or cyano-substituted C₁-C₁₀-alkyl group, a C₂-C₈-alkenyl or -alkynyl groups, a halogen- or C₁-C₈-alkoxy-substituted C₂-C₈-alkenyl or -alkynyl group, an aryl C₁-C₈-alkyl group which may be substituted by one or more substituents selected from C₁-C₈-alkyl groups, halogen atoms, C₁-C₈-alkoxy groups, nitro groups and trifluoro-methyl groups, a C_n-C_m-cycloaliphatic hydrocarbon group, a C_n-C_m-cycloaliphatic hydrocarbon which is substituted by one or more C₁-C₈-alkyl groups, or an aromatic hydrocarbon group which may be substituted by one or more substituents selected from C₁-C₈-alkyl groups, halogen atoms, C₁-C₈-alkoxy groups, nitro groups and trifluoromethyl groups, or R₃ and R₄ together with the adjacent nitrogen atom represent a 3- to 7-membered ring which may contain a further oxygen, sulphur or nitrogen hetero atom, and n represents 0, 1, or 2 wherein 1, 2, 3-triazole of the general formula II of the drawing



in which R₁, R₂ and n have the meanings given above, is reacted in the presence of an acid-binding agent such as herein described with a carbamonyl halide of the general formula III.



of the drawings in which R₃ and R₄ have the meanings given above and X represents a halogen atom.

(Complete specification 96 pages. Drawing 3 sheets).

CLASS : 98 L

152610.

Int. Cl. : F24j 3/02.

SOLAR ENERGY COLLECTOR.

Applicant : SOLAR HOLDINGS S.A., A PANAMANIAN BODY CORPORATE, OF PANAMA CITY, REPUBLIC OF PANAMA.

Inventor : JOHN ALLEN MCELWAIN.

Application for Patent No. 511/Del/79 filed on 16th July, 1979.

Convention date 5th October, 1978 (39464/79/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

18 Claims.

A solar energy collector comprising :

an absorber defining the exterior surface of said collector and arranged to absorb solar energy incident thereupon;

a longitudinally-extending fluid flow passage behind said absorber; said passage having a fluid inlet and fluid outlet and providing for flow of fluid therein from said inlet to said outlet; and

a plurality of longitudinally extending heat conductors embedded in said absorber and extending rearwardly from closely adjacent and behind said exterior surface, said conductors projecting into said passage, extending substantially along the path of fluid flow in said passage and dividing the passage into a plurality of passages;

whereby solar heat energy impinging on said exterior is absorbed by said absorber, conducted to said passage, and transferred to fluid flowing through said passage.

(Complete specification 26 pages. Drawing 3 sheets).

CLASS : 130 F.

152611.

Int. Cl. : C22b 15/00.

A PROCESS AND AN APPARATUS FOR MANUFACTURING OXYGEN FREE HIGH CONDUCTIVITY (OFHC) COPPER.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, 18-20 KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA, AN INDIAN COMPANY.

Inventors : HARI SHANKAR JAIN & SUBRATA PURKAYASTHA.

Application for Patent No. 512/Del/79 filed on 16th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(13 Claims)

A process for manufacturing oxygen free high conductivity copper from electrolytic copper comprising heating cathode copper in a graphite vessel such as a crucible or mould placed within a vacuum chamber, by radio frequency oscillations, allowing the molten copper to cool in the vessel or mould and maintaining the vacuum in the vacuum chamber till the solidified copper cools to the room temperature.

(Complete specification 6 pages. Drawing 1 sheet).

PATENTS SEALED

150433 150544 150559 150610 150612 150982 150983 151026
 151141 151240 151247 151262 151293 151300 151316 151340
 151377 151381 151387 151388 151392 151401 151403 151404
 151405 151412 151413 151416 151431 151443 151482 151484
 151636 151885

AMENDMENT PROCEEDINGS UNDER SECTION 37

(1)

The amendments proposed by Texaco Development Corporation, in respect of patent application No 150994 as advertised in Part III Section 2 of the Gazette of India dated the 25th June, 1983 have been allowed.

(2)

The amendments proposed by International Mineral & Chemical Corporation in respect of Patent No. 151030 as advertised in Part III, Section 2 of the Gazette of India dated the 18th June, 1983 has been allowed.

(3)

Notice is hereby given that the Boots Company Limited, a British Company, of 1 Thane Road, West Nottingham, England, have made an application, under section 57 of the Patents Act, 1970 for amendment of application, specifications and drawings of their Patent No. 151913 for "Method of manufacturing sustained release pharmaceutical compositions in tablet form". The amendments are by way of changing their name from "The Boots Company Limited" to the "Boots Company PLC". The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the Prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

124114 124354 124656 124710 125110 125197 125270 125298
 125500 125508 126195 127598 129109 129741 129855
 129858 129937 130026 130114 130219 130298 130315 130316
 130318 130324 130333 131460 132011 133341 133941 134288
 134322 134328 134415 134491 134748 136330 136332 136389
 136571 136849 136972 137387 137620 138202 138528 138746
 138797 139158 139293 139400 139401 139544 139720 139839
 139991 140038 140291 140345 140412 140413 140581 140737
 140791 141259 141490 141631 141656 141686 141731 142287
 142348 142611 142695 143014 143181 143207 143273 143522
 153551 143588 143612 143690 143755 143862 143973 144352
 144540 144754 144815 144941 145022 145379 145681 145761
 145808 145816 145820 146017 146020 146026 146210 146232
 146390 146401 146464 146484 146525 146614 146699 146761
 146782 146829 146871 146903 146941 146946 146968 146969
 147035 147092 147145 147198 147215 147299 147304 147307
 147352 147382 147462 147478 147562 147589 147591 147657
 147681 147694 147695 147735 147889 147929 147937 147971
 147991 148054 148080 148180 148202 148279 148299 148309
 148379 148407 148408 148419 148428 148451 148458 148517
 148538 148555 148581 148612 148746 148784 148811 148851
 149116 149160 149164 149178 149259 149268 149330 149356
 149427 149503 149574 149600 149608 149670 149746 149758
 149759 149835 149903 149905 149925 150047 150050 150104
 150134 150176 150178 150251 150269 150286 150379 150415
 150420 150423 150457 150469 150489 150494 150522 150524
 150565 150568 150571 150613 150624 150635 150679 150681
 150787 150797 150815 150819 150820 150822 150823 150824
 150825 150826 150827 150828 150829 150830 150837 150839
 150842 150843 150852 150888 150917 150945 150946 150947
 150978 150966 150992 151004 151029 151032 151048 151051
 151052 151058 151065 151072 151076 151077 151113 151134

CESSATION OF PATENTS

115451 115461 115462 115463 115465 115494 115497 115505
 115511 115512 115527 115529 115530 115531 115535 115537
 115553 115554 115557 115566 115567 115568 115572 115578
 115614 115619 115623 115646 142434 148411 150254

REGISTRATION OF ASSIGNMENT, LICENCES ETC.
(DESIGN)

(1)

Assignment, licences or other transaction effecting the interest of the original proprietors have been registered in the following case. The number of the case is followed by name of the applicant for registration :

141611. UNIFLAMME S.A.—Class 1.

141652. UNIFLAMME S.A.—Class 3.

(2)

Assignment, licences or other transaction effecting the interest of the original proprietors have been registered in the following case. The number of the case is followed by the name of the applicant for registration :

148701. KLAAS EQUIPMENT PVT. LTD.—Class 3.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 3. No. 153441. Genelec Limited (an existing Company under the Companies Act) at Hindlight House, Subhash Road, Jogeshwari (East), Bombay 400 060, Maharashtra State, India. "Lighting Fitting". 7th September, 1983.

Class 3. No. 153730. Eagle Flask Private Limited (a company incorporated under the Provisions of Companies Act) at Eagle Estate, Talegaon 410 507, Maharashtra State, India. "Water Bottle". 30th November, 1983.

Class 3. No. 253534. Electronic Consortium Private Limited. (a company incorporated under the Companies Act) of 5A/1, 2 & 3, Ansari Road, Darya Ganj, New Delhi 110 002, India. "Television Set". 5th October 1983.

Class 3. No. 153535. Electronic Consortium Private Limited. (a company incorporated under the Companies Act) of 5A/1, 2 & 3, Ansari Road, Darya Ganj, New Delhi 110 002, India. "Television Set". 5th October 1983.

Class. 3. No. 153536. Electronic Consortium Private Limited, (a company incorporated under the Companies Act) of 5A/1, 2 & 3, Ansari Road, Darya Ganj, New Delhi 110 002, India. "Television Set". 5th October 1983.

Class 3. No. 153519. Joemann Plastics Industries, 212/215, Tripathi Estate, S. V. Road, Jogeshwari West, Bombay 400102, Maharashtra State, an Indian Partnership Firm. "Cockroach Trapper". 1st October, 1983.

Class 3. No. 153609. Pieco Electronics and Electrical Limited of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "A Radio Recorder". 29th October, 1983.

Class 3. No. 153504. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A., "Plastic Staple". 29th September, 1983.

Class 3. No. 153506. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A., "Plastic Staple". 29th September, 1983.

Class 3. No. 153307. M/s. M. H. Plastic Works, 797 Bartan Market, Sadar Bazar, Delhi-110006, an Indian Proprietor concern. "TOY". 27th July, 1983.

Class 3. No. 153606. Safari Industries (INDIA) Private Limited, 107, Khetani Textile Compound, Bazar Ward, Kurla, Bombay 400070, Maharashtra State, a Private Ltd. Company incorporated under the Indian Companies Act. "Brief Case". 26th October, 1983.

Class 3. No. 153607. Safari Industries (INDIA) Private Limited, 107, Khetani Textile Compound, Bazar Ward, Kurla, Bombay 400070, Maharashtra State, a Private Limited Company incorporated under the Indian Companies Act. "Brief Case". 26th October, 1983.

Class 4. No. 153354. Sreenivasan of Architects & Engineers, 5/1514, Sherien Buildings, Wynad Road, Calicut-673006, Kerala State, Indian National. "Hollow clay blocks for slab construction". 19th August, 1983.

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

No. 148319.—Class-3.

EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

No. 148319.—Class-3.

SHANTI KUMAR
Controller-General of Patents,
Designs and Trade Marks.

